

08/25/00  
JC923 U.S. PTO

08-28-00

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. P04211

First Inventor or Application Identifier Jayavant, et al.

Title Circuitry and Systems for Performing Two-Dimensional Motion Compensation Using a Three-Dimensional Pipeline and Methods of Operating the Same

Express Mail Label No. EJ033099541US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification [Total Pages 41]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

4. Oath or Declaration [Total Pages 4]

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

**\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a.  Computer Readable Copy
- b.  Paper Copy (identical to computer copy)
- c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))

8.  37 C.F.R. § 3.73(b) Statement  Power of (when there is an assignee)  Attorney

9.  English Translation Document (if applicable)

10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

11.  Preliminary Amendment

12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

- \* Small Entity Statement(s)  Statement filed in prior application, (PTO/SB/09-12)  Status still proper and desired
- 13.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- 14.  Other: .....
- 15.  Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No: /

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or  Correspondence address below

|         |   |           |              |          |                  |
|---------|---|-----------|--------------|----------|------------------|
| Name    | John L. Maxin<br>National Semiconductor |           |              |          |                  |
| Address | 801 East Campbell Road, Suite 525       |           |              |          |                  |
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| Country | USA                                     | Telephone | 972-680-4523 |          | Fax 972-680-4515 |

|                   |   |                                   |               |
|-------------------|---|-----------------------------------|---------------|
| Name (Print/Type) | William A. Munck, Esq.  | Registration No. (Attorney/Agent) | 39,308        |
| Signature         |  |                                   | Date 08-25-00 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC586 U.S. PTO  
09/648173

08/25/00

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 954.00)

## Complete if Known

|                      |                  |
|----------------------|------------------|
| Application Number   |                  |
| Filing Date          |                  |
| First Named Inventor | Jayavant, et al. |
| Examiner Name        | Not Assigned     |
| Group / Art Unit     |                  |
| Attorney Docket No.  | P04211           |

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 140448  
Deposit Account Name National Semiconductor Corporation

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$)       | Small Entity Fee Code (\$) | Fee Description   | Fee Paid |
|----------------------------------|----------------------------|---|----------|
| 105                              | 130                        | 205 65 Surcharge - late filing fee or oath  |          |
| 127                              | 50                         | 227 25 Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                              | 130                        | 139 130 Non-English specification   |          |
| 147                              | 2,520                      | 147 2,520 For filing a request for reexamination                                  |          |
| 112                              | 920*                       | 112 920* Requesting publication of SIR prior to Examiner action                   |          |
| 113                              | 1,840*                     | 113 1,840* Requesting publication of SIR after Examiner action                    |          |
| 115                              | 110                        | 215 55 Extension for reply within first month                                     |          |
| 116                              | 380                        | 216 190 Extension for reply within second month                                   |          |
| 117                              | 870                        | 217 435 Extension for reply within third month                                    |          |
| 118                              | 1,360                      | 218 680 Extension for reply within fourth month                                   |          |
| 128                              | 1,850                      | 228 925 Extension for reply within fifth month                                    |          |
| 119                              | 300                        | 219 150 Notice of Appeal  |          |
| 120                              | 300                        | 220 150 Filing a brief in support of an appeal                                    |          |
| 121                              | 260                        | 221 130 Request for oral hearing  |          |
| 138                              | 1,510                      | 138 1,510 Petition to institute a public use proceeding                           |          |
| 140                              | 110                        | 240 55 Petition to revive - unavoidable   |          |
| 141                              | 1,210                      | 241 605 Petition to revive - unintentional  |          |
| 142                              | 1,210                      | 242 605 Utility issue fee (or reissue)  |          |
| 143                              | 430                        | 243 215 Design issue fee  |          |
| 144                              | 580                        | 244 290 Plant issue fee   |          |
| 122                              | 130                        | 122 130 Petitions to the Commissioner   |          |
| 123                              | 50                         | 123 50 Petitions related to provisional applications                              |          |
| 126                              | 240                        | 126 240 Submission of Information Disclosure Stmt                                 |          |
| 581                              | 40                         | 581 40 Recording each patent assignment per property (times number of properties) |          |
| 146                              | 690                        | 246 345 Filing a submission after final rejection (37 CFR 1.129(a))               |          |
| 149                              | 690                        | 249 345 For each additional invention to be examined (37 CFR 1.129(b))            |          |
| Other fee (specify)              |                            |   |          |
| Other fee (specify)              |                            |   |          |
| Reduced by Basic Filing Fee Paid |                            | SUBTOTAL (3) (\$)   |          |

SUBTOTAL (2) (\$ 264)

SUBTOTAL (3) (\$)

## SUBMITTED BY

Typed or Printed Name

William A. Munck, Esq.

Complete (if applicable)

Reg. Number

39,308

Signature

Date 08-25-00

Deposit Account User ID

140448

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August 25, 2000

William A. Munck

Date of Mailing

Typed or printed name of person mailing



Signature of person mailing

Attachments:

1. Return acknowledgement postcard
2. Utility patent transmittal
3. Fee transmittal
4. 41 pages of the specification - Docket No: P04211
5. 5 sheets of drawings
6. Declaration of 2 inventor(s)      Unsigned
7. Recordation form and Assignment(s) from 2 inventor(s) (optional)
8. Information Disclosure Statement (optional)

CIRCUITRY AND SYSTEMS FOR PERFORMING TWO-DIMENSIONAL MOTION  
COMPENSATION USING A THREE-DIMENSIONAL PIPELINE  
AND METHODS OF OPERATING THE SAME

**Inventor(s):**

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|   |   |
|---|---|
| <b>CERTIFICATE OF EXPRESS MAIL</b>  |   |
| I hereby certify that this correspondence, including the attachments listed, is being mailed in an envelope addressed to Commissioner of Patents and Trademarks, Washington, DC 20231, using the Express Mail Post Office to Addressee service of the United States Postal Service on the date shown below. |   |
| <u>William A. Munck</u><br>Printed Name of Person Mailing   | E 5033099541 US<br>Express Mail Receipt No. |
| <u>William A. Munck</u><br>Signature of Person Mailing  | Aug. 25, 2000<br>Date                       |

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